Dan Gunter

Computational Research Division
Ernest Orlando Lawrence Berkeley National Laboratory
One Cyclotron Road, MS: 50B-2239
Berkeley, CA 94720

510-495-2504 tel
510-486-6363 fax
dkgunter@lbl.gov
http://dsd.lbl.gov/~dang/

Education:

M.S., San Francisco State University, 1999 (Computer Science)

B.A., Brown University, 1993 (Anthropology)

Positions:

Computer Scientist, Computational Research Division, Lawrence Berkeley National Laboratory. (2003-Present)

Computer Systems Engineer I-III, Computational Research Division, Lawrence Berkeley National Laboratory (1999-2003)

Recent Publications:

1. *Scalable Analysis of Distributed Workflow Traces*, Dan Gunter and Brian Tierney, The 2005 International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA'05) , LBNL-57060.

2. *Essential Grid Workflow Monitoring Elements*, Dan Gunter, Keith Jackson, David Konerding, Jason Lee and Brian L. Tierney, The 2005 International Conference on Grid Computing and Applications (GCA'05), LBNL-57428.

3. *On-Demand Grid Application Tuning and Debugging with the NetLogger Activation Service,* Dan Gunter, Brian Tierney, Craig E. Tull, Vibha Virmani, 4th International Workshop on Grid Computing (Grid2003), LBNL-52991

4. *Enabling Network-Aware Applications*, Brian Tierney, Dan Gunter, Jason Lee, Martin Stoufer, Proceedings of the 10th IEEE Symposium on High Performance Distributed Computing (HPDC-10), August 2001, LBNL-47611.

5. *Applied Techniques for High Bandwidth Data Transfers across Wide Area Networks*, Jason Lee, Dan Gunter, Brian Tierney, William Allock, John Bester, J.ohn Bresnahan, Steve Tuecke, Sept 2001, LBNL-46269, CHEP 01, September 2001, Beijing China.

6. *Using High-Speed WANs and Network Data Caches to Enable Remote and Distributed Visualization,* Wes Bethel, Brian Tierney, Jason Lee, Dan Gunter, Steve Lau, Proceeding of the IEEE Supercomputing 2000 Conference, Nov. 2000. LBNL-45365.

Narrative:

Dan Gunter specializes in distributed and parallel systems monitoring and analysis. His research includes Grid and distributed workflow monitoring, network monitoring, monitoring tools, visual analysis techniques, and monitoring data semantics and schemata. He is the principal designer and author of the NetLogger open source software package. He has also contributed to the Global Grid Forum in the area of monitoring as a member of the Grid Performance and Network Measurements Working Groups. Past research includes work on scientific collaboration tools, protocol benchmarking on Emulab, and work on the Distributed Parallel Storage System, a predecessor to GridFTP.